

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Hajime NAKAMURA et al.

Serial Number: Not yet assigned

(§371 of international application No. PCT/JP2005/005134)

Filed: March 21, 2006

For: PREPARATION OF RARE EARTH PERMANENT MAGNET

**MATERIAL** 

Attorney Docket Number:

062281

Customer Number:

38834

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

March 21, 2006

Sir:

In compliance with 37 C.F.R. §1.56, Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. A copy of each non- U.S. document is enclosed herewith.

If there are any fees due in connection with the filing of this paper, please charge Deposit Account No. <u>50-2866</u>.

Respectfully submitted,

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Enclosure: PTO/SB/08, 8 documents and international search report.

Complete if Known 277757

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Application Number	New Application				
Confirmation Number					
Filing Date	March 21, 2006				
First Named Inventor	Hajime NAKAMURA et al.				
Art Unit					
Examiner Name					
Attorney Docket Number	062281				

	· <del></del>		U.S. I	PATENT DOCUME	ENTS
Examiner	Cite No.1	Document Number		Publication Date MM-DD-YYYY	
Initials*		Number Kind Code <sup>2</sup> (if known)			Name of Patentee or Applicant of Cited Document
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	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document		Publication Date	Name of Patentee or			
Initials*	No.1	Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation <sup>6</sup>	
	1	JP	4-328804		11-17-1992	Sumitomo Special Metals Co., Ltd.	Abstract, cited in the ISR	
	2	JP	6-244011		09-02-1994	Sumitomo Special Metals Co., Ltd.	Abstract, cited in the ISR	
	3	JP	2005-11973		01-13-2005	Japan Science & Technology Agency	Abstract, cited in the ISR	
	4	JP	5-31807		05-13-1993	Shin Etsu Chem. Co., Ltd.	Abstract, cited in the spec.	
	5	JP	3143156		03-07-2001	Shin Etsu Chem. Co., Ltd.	Abstract, cited in the spec.	
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	6	K. –D. DURST et al.; "The Coercive Field of Sintered and Melt-Spun NdFeB Magnets", Journal of Magnetism and Magnetic Materials, 68 (1987), pp.63-75. Cited in the spec.					
	7	K. T. PARK et al.; "Effect of Metal-Coating and Consecutive Heat Treatment on Coercivity of Thin Nd-Fe-B Sintered Magnets", Proceedings of the Sixteenth International Workshop on Rare-Earth Magnets and Their Applications, Sendai, (2000) pp.257-264. Cited in the spec.					
	8	K. MACHIDA et al.; "Grain Boundary Tailoring of Nd-Fe-B Sintered Magnets and Their Magnetic Properties", Proceedings of the 2004 Spring Meeting of the Powder & Powder Metallurgy Society, pp.202. Cited in the Specification.	No				
	9	International Search Report of PCT/JP2005/005134 dated July 12, 2005.					

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Examiner Signature		Date Considered		

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.